

FIG. 1

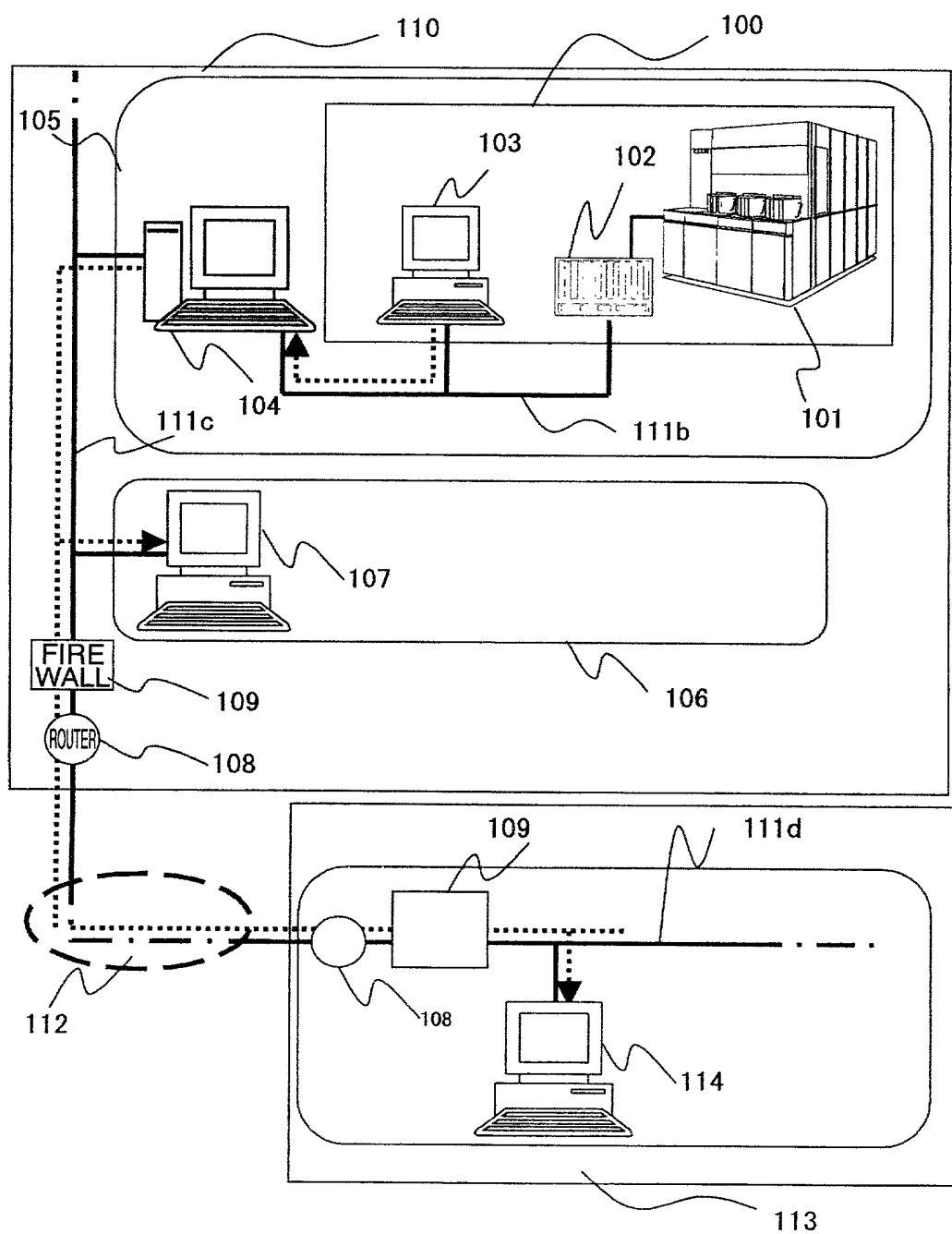


FIG. 2

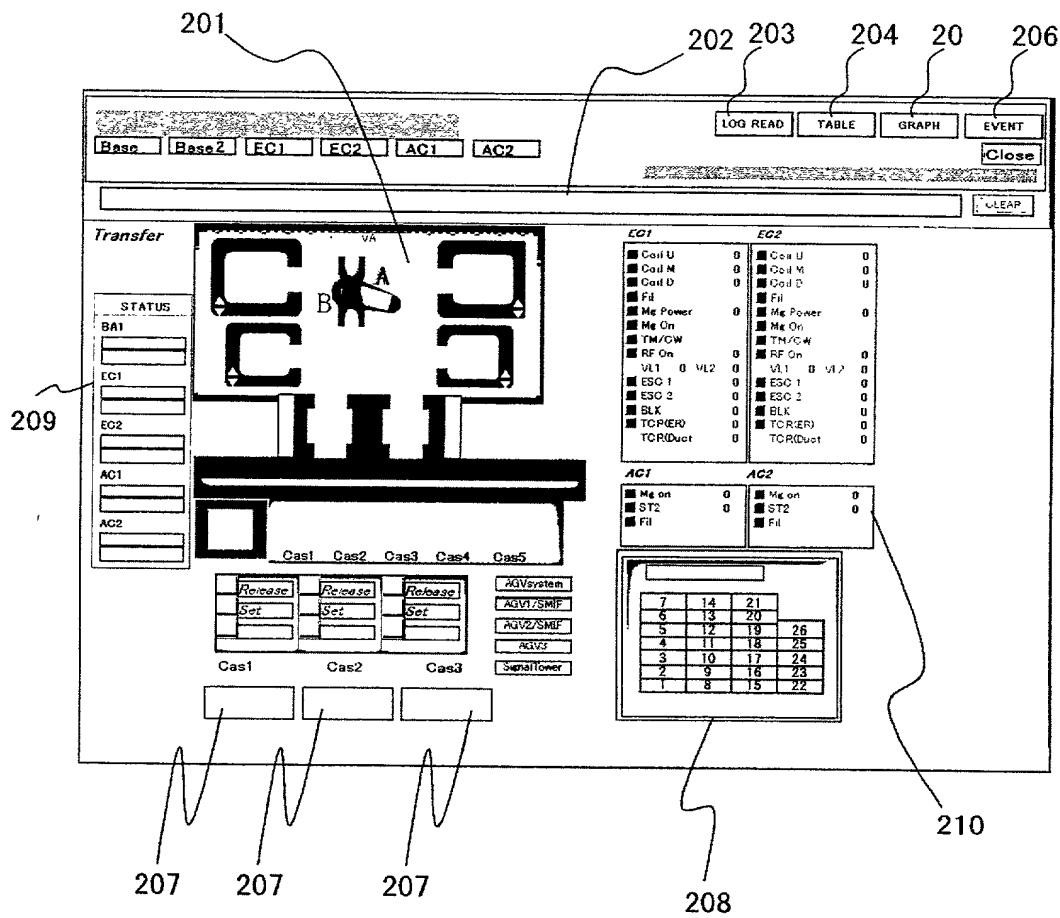


FIG. 3

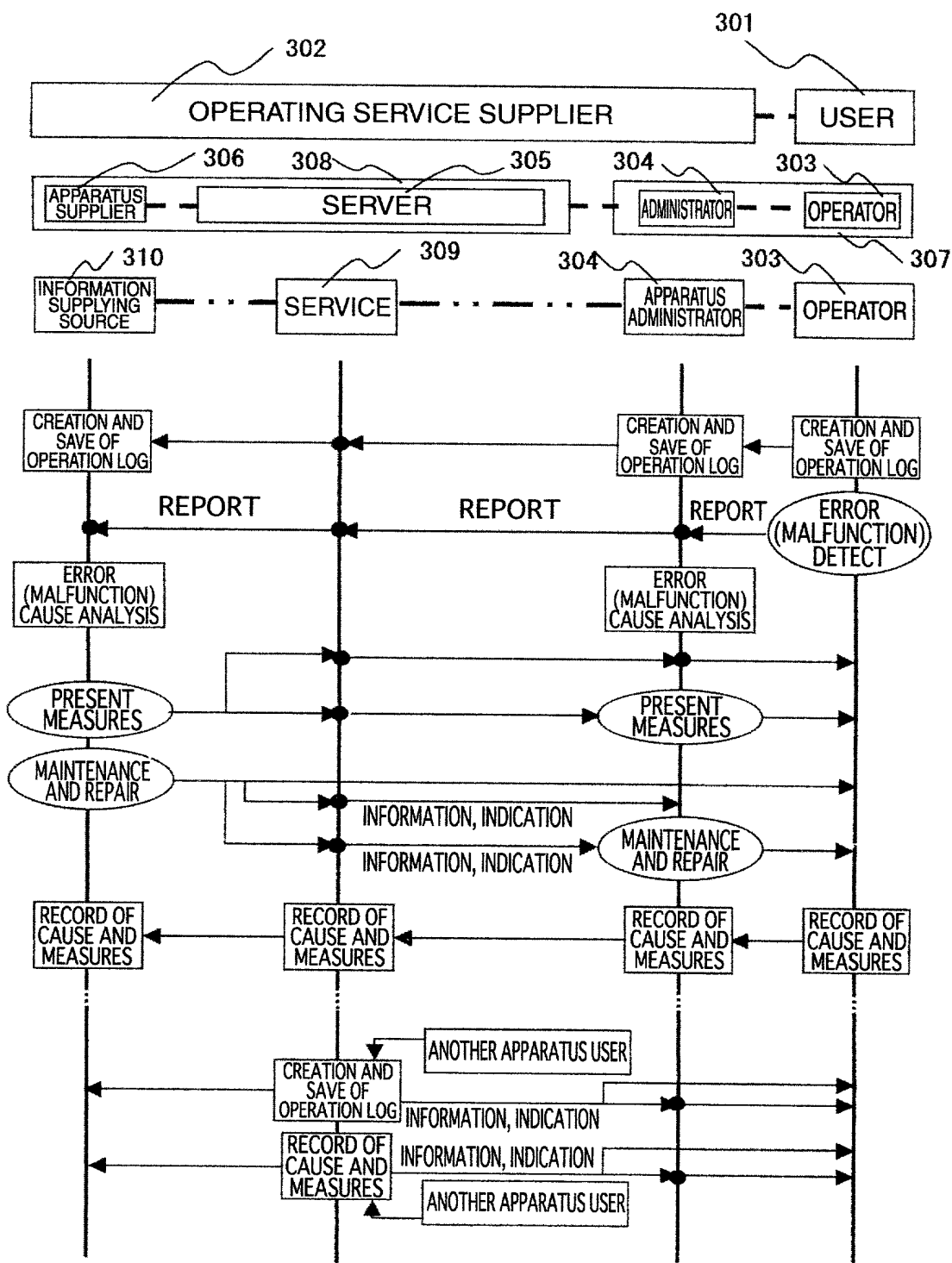


FIG. 4A

						LOG READ	TABLE	GRAPH	EVENT
Base	Base2	EC1	EC2	AC1	AC2				
						Close			
01/10/29 16:42:03 ERROR(BAT1) LL chamber exhaust time out error						CLEAR			

FIG. 4B

						LOG READ	TABLE	GRAPH	EVENT
Base	Base2	EC1	EC2	AC1	AC2				
						Close			
Details: set pressure not detected passing predetermined time after exhaust LL chamber (VCSS:100Pa/0.75 Torr)						OK			

FIG. 5

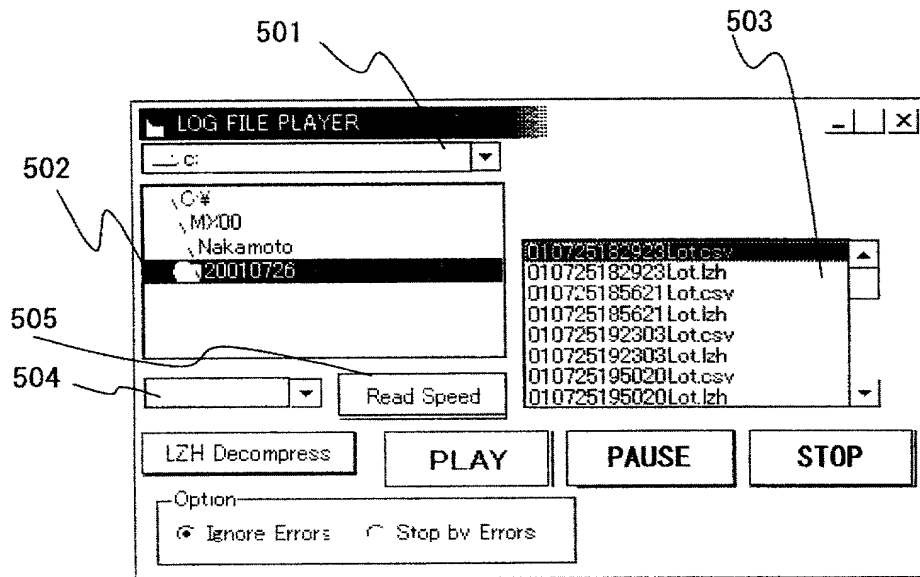


FIG. 6

Event Window

Time

AREA

EVENT NAME

01/07/25 18:29:23	ET1	AUTOMATIC DRIVE START
01/07/25 18:29:23	ET2	AUTOMATIC DRIVE START
01/07/25 18:29:23	AT1	AUTOMATIC DRIVE START
01/07/25 18:29:23	BA1	AUTOMATIC DRIVE STOP SW EFFECTIVE
01/07/25 18:29:24	BA1	AUTOMATIC DRIVE STOP SW DISABLED
01/07/25 18:30:58	BA1	CASSETTE 2 TEMPORARY STOP SW EFFECTIVE
01/07/25 18:30:58	BA1	CASSETTE 2 SUPPLY STOP SW EFFECTIVE
01/07/25 18:31:01	BA1	CASSETTE 2 EACH WAFER PRODUCT PROCESS START
01/07/25 18:32:09	ET2	ETCHING START
01/07/25 18:32:25	ET2	START DISCHARGE (SKIP SW IN EFFECT)

Select Area

☒ ALL
 ☐ BA1
 ☐ EC1
 ☐ EC2
 ☐ AC1
 ☐ AC2

Select

CLEAR

Time

Wafer No

FROM

TO

01/07/25 18:31:07	2 - 1	Port2	----> ATM. Robot
01/07/25 18:31:18	2 - 1	ATM. Robot	----> Alignment Unit
01/07/25 18:31:34	2 - 1	Alignment Unit	----> ATM. Robot
01/07/25 18:31:42	2 - 1	ATM. Robot	----> Load Lock
01/07/25 18:31:51	2 - 2	Port2	----> ATM. Robot
01/07/25 18:31:58	2 - 1	Load Lock	----> VAC. Robot-A
01/07/25 18:32:02	2 - 2	ATM. Robot	----> Alignment Unit
01/07/25 18:32:06	2 - 1	VAC. Robot-A	----> Etching2
01/07/25 18:32:16	2 - 1	EC2: Start Process	
01/07/25 18:32:18	2 - 2	Alignment Unit	----> ATM. Robot
01/07/25 18:32:26	2 - 2	ATM. Robot	----> Load Lock
01/07/25 18:32:35	2 - 3	Port2	----> ATM. Robot
01/07/25 18:32:42	2 - 2	Load Lock	----> VAC. Robot-A
01/07/25 18:32:45	2 - 3	ATM. Robot	----> Alignment Unit

CLEAR

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FIG. 7

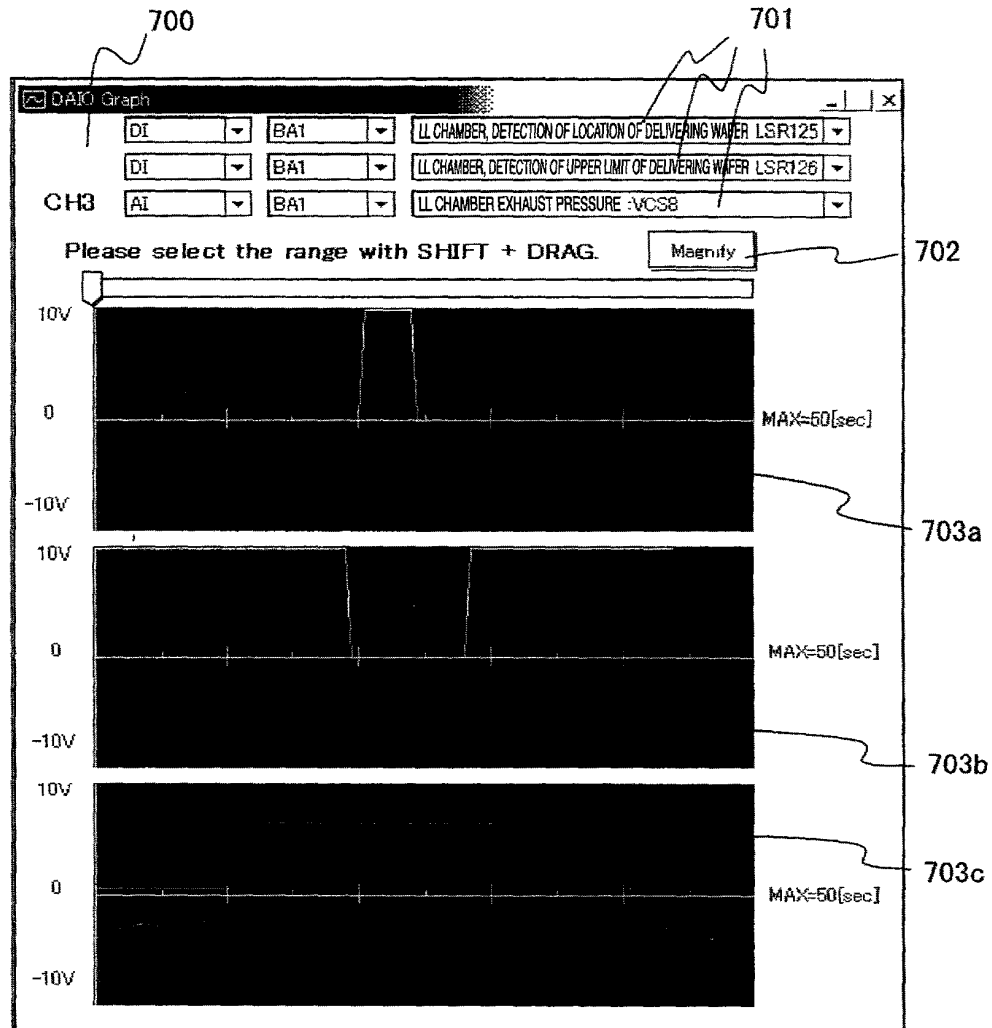


FIG. 8

IO TABLE						
ID	Attr	Byte	bit	Value	Name	Condition
31	DO	3	6	0	LP1 READY	
34	DO	4	1	0	LP1 HO-AVBL SMIF1 Ready to UL	
32	DO	3	7	0	LP1 ES	
35	DO	4	2	0	LP1 LREQ SMIF1 Port Lock	
33	DO	4	0	0	LP1 UREQ SMIF1 Load/Unload	
ID	Attr	Byte	bit	Value	Name	Condition
415	DI	5	6	0	LP1 TR REQ	
414	DI	5	5	0	LP1 CS2	
409	DI	5	0	0	LP1 BUSY	
416	DI	5	7	0	LP1 CONT	
410	DI	5	1	0	LP1 COMPT	
413	DI	5	4	0	LP1 CS1	
412	DI	5	3	0	LP1 CS0	
411	DI	5	2	0	LP1 VALID	

FIG. 9

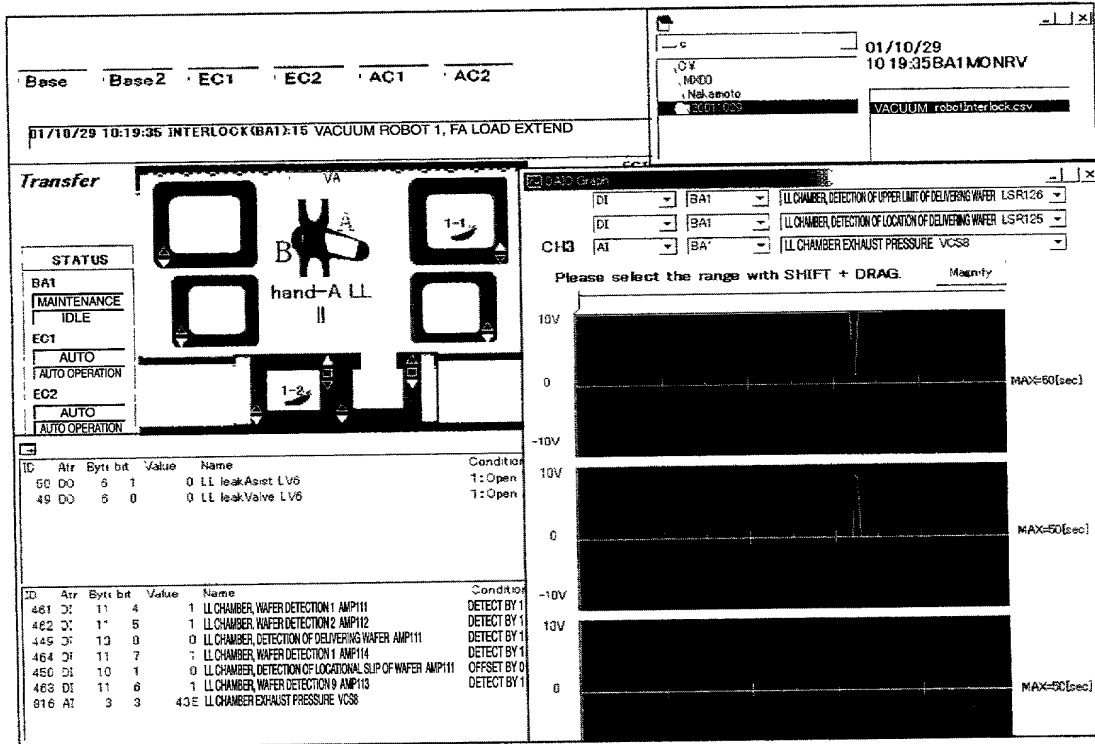


FIG. 10

LIST OF OCCURRENCE ERROR CAUSES	
ERROR: TIMEOUT ERROR OF DELIVERING LOCATION OF LL CHAMBER	
LARGER POSSIBILITY ↑	DELIVERING LOCATION SENSOR OF LL CHAMBER
	LOWER LIMIT LOCATION SENSOR OF LL CHAMBER
	UPPER LIMIT LOCATION SENSOR OF LL CHAMBER
	VACUUM DETECTION SENSOR OF LL CHAMBER
	VACUUM GAUGE OF LL CHAMBER
	↓